SIEMENS

POLYMOBIL Plus

SP

Planning Guide

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General notes

- With distribution of this revision level, all preceding planning guides, Speed - Infos (PG's) and drafts lose their validity.
- All layouts issued by the Planning Departments must bear a note referring to the installation and delivery conditions of Siemens Medical Engineering Group. The installation and delivery conditions must be submitted with the layouts.
- Unless otherwise specified, all dimensions are indicated in "mm".
- The symbol indicates a change (see revision status).
- Orientation points
  Points specific to system components to which reference is made when positioning system components to each other or in the room.
  The isocenter of a radiographic system is always illustrated as the orientation point.
- Fixpoints
  Clearly marked points on system components, installation ceiling, walls or floor on which cable outlets are located.
  Illustration in the drawings: circle with letter/number-combination.
  The cable lengths establish the maximum fixpoint distances and thus the maximum distances between the individual system components.
- Room height
  The room height is the distance measured from the top surface of the floor to the bottom surface of the ceiling structural elements (Unistrut rails) (bottom surface of drop ceiling).

Safety

- The provisions of the relevant fire protection regulations must be observed for the premises.
- The system has been developed according to EN 60601 - 1.
- Minimum dimensions (e. g. room heights, safety distances) indicated in the planning guides are marked "min."
- Basic resistance to electromagnetic sources of interference.
  Result of lightning discharges.
  The protection targets of the different lightning protection areas up to the unit connection are also specified in the IEC 1024, DIN 48810, VDE 0675 and in the DEMVT recommendations.

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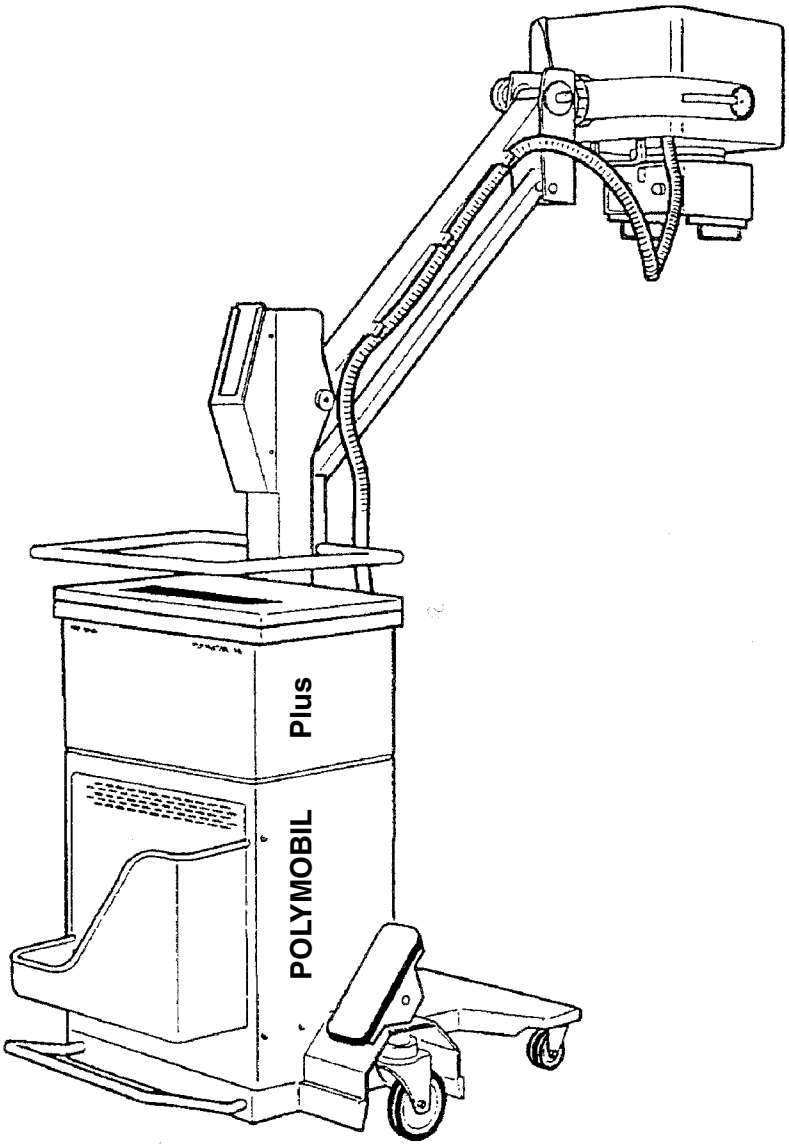
System configuration

(schematic)



Installation notes

- In the FRG (Germany), the POLYMOBIL Plus may be used in rooms intended for medical purposes only if the installation complies with DIN VDE 0107.

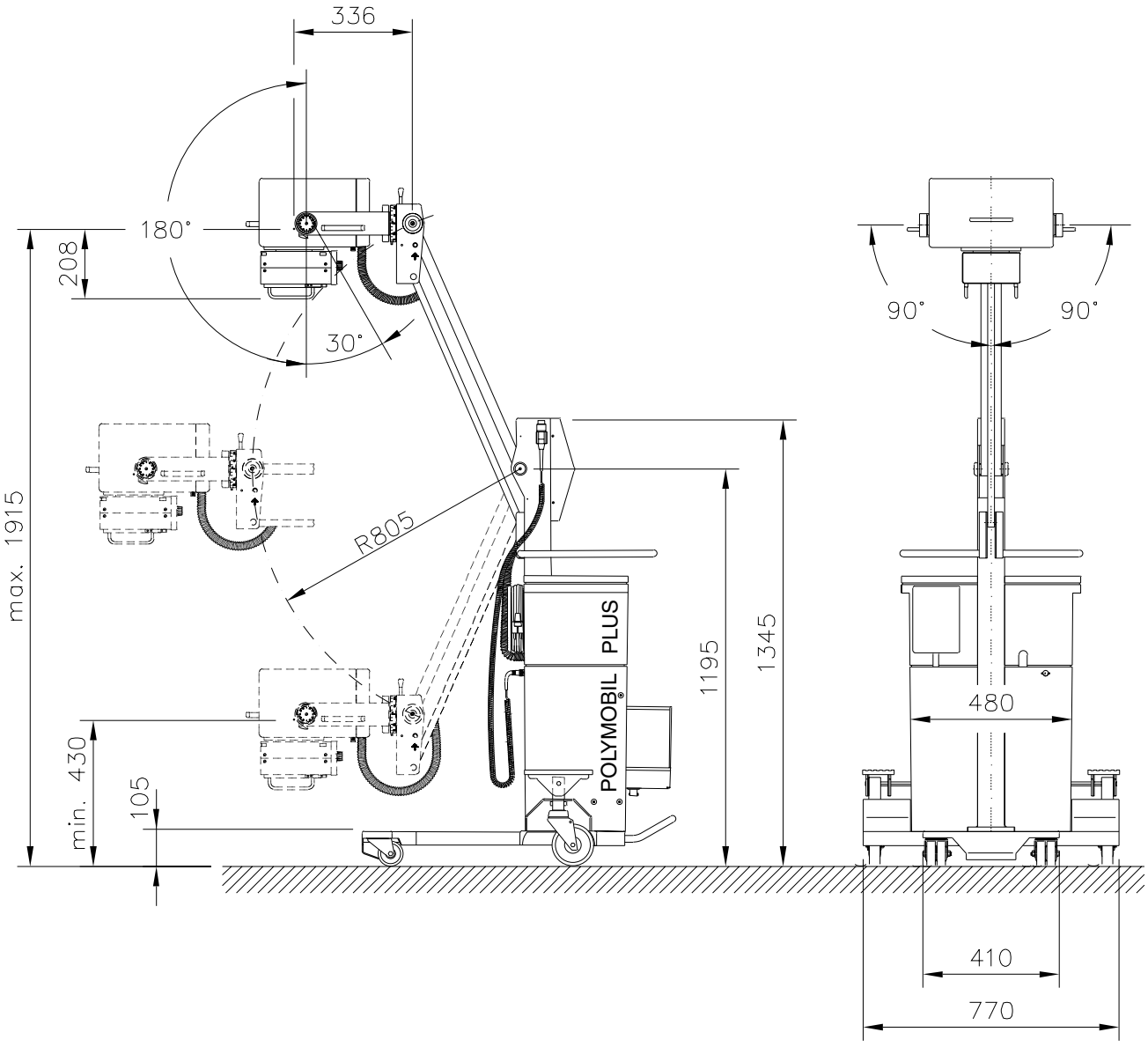
- In all countries outside the FRG (Germany), compliance with all country-specific regulations must be ensured.

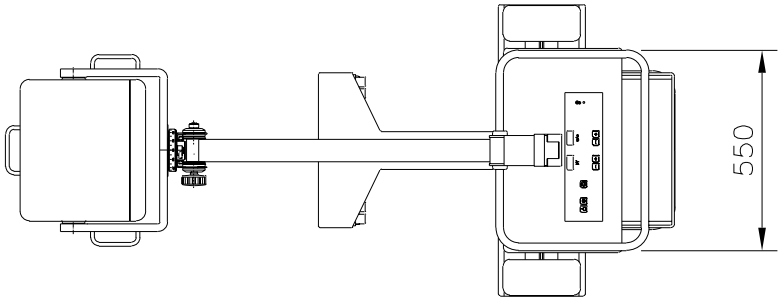
- When planning the installation, ensure that the system's electrical plug can be disconnected from the mains quickly and without obstacles if a hazardous situation should arise.

- The power cable (3×1.5^2) is 5.5 m long and is provided with a three-prong, enclosed connector.

- In countries in which the three-prong, enclosed connector is not allowed, it must be replaced with a connector that is standard for that country.

Dimensions: POLYMOBIL Plus





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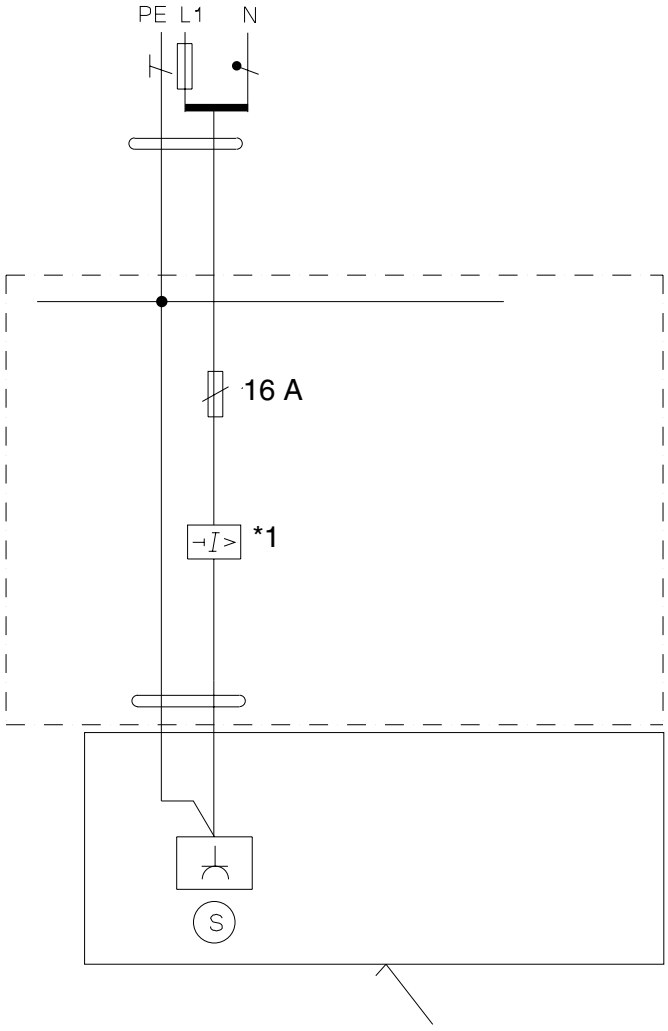
Electrical installation on site

Recommendation for on-site power distributor according to DIN VDE 0107



(S) German 220 V receptacle

*1 FI - switch $I_{\Delta N}$ 30 m A leakage current
from ac voltage or dc/pulsed dc voltage

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Electrical data

Mains connection	Internal line impedance	Fuse (internal)	Power consumption	Connection value according to DIN 6814 as the basis for calculating rates
1~110 V ± 10 % 50/60 Hz	max. 1.0 Ω	10 A	approx. 1320 VA	Formula: Mains voltage x fuse rating (internal)
1~230 V ± 10 % 50/60 Hz			approx. 3840 VA	

Weight and heat dissipation

—	Weight [kg]	Heat dissipation in stand-by mode [W]
Total weight without packaging	approx. 162 kg	200 W
Total weight with packaging	approx. 234 kg	—

Environmental conditions

POLYMOBIL Plus	Operation	Transport / Storage
permissible ambient temperature	+ 15° C ... + 35° C	- 20° C ... + 70° C
permissible relative humidity	30 % ... 75 %	10 % ... 100 %

Packing and transport routes

Maximum size of crate	L 840 x W 1380 x H 1620 mm
Weight	approx. 234 kg
Door width required (without packaging)	800 mm

Surface colors

Main color	White pebbled, Med surface No. 4146 similar to RAL gray - white 9002
Combination color	medical blue, Med surface No. 564 E

Responsibility of the project manager towards the service contractor

The scope of the project manager's responsibilities requires that he

- is at the installation site when the system arrives
- supports the service contractor in solving problems
- clarifies the final location of the individual components
- checks to ensure that the installation is proceeding as specified
- clarifies problems together with the service contractor prior to the delivery of the system, e. g.
  - establishes the transport route of the truck
  - establishes the transport route within the building

NOTICE	**The supervising SIEMENS project manager is responsible for the entire project management. Furthermore, he is responsible for perfect and proper installation of the system. Perform the further work according to the technical documentation (customer service instructions, installation instructions, etc.).**

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